INTERNATIONAL SEARCH REPORT

Internation plication No PCT/IB 03/05253

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B7/00 G11B7/12 G11B7/24									
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B									
Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched									
	ata base consulted during the international search (name of data bas ternal, PAJ, WPI Data	se and, where practical, search terms used							
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category °	Citation of document, with indication, where appropriate, of the rela	evant passages	Relevant to claim No.						
A	US 2002/136142 A1 (JUNG SANG DON 26 September 2002 (2002-09-26) page 2, paragraph 23 -page 3, par 33; figures 1-3 abstract		1-32						
A	US 6 094 410 A (FARIS SADEG M ET 25 July 2000 (2000-07-25) cited in the application abstract	1-32							
A	US 2002/025490 A1 (LAZAREVA OLGAL LEONIDOVNA ET AL) 28 February 2002 (2002-02-28) abstract page 1, paragraph 1								
Further documents are listed in the continuation of box C. X Patent family members are listed in annex.									
A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filling date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filling date but		 "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family 							
Date of the actual completion of the international search Date of mailing of the international search report									
2 March 2004		15/03/2004							
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Lehnberg, C							

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